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The American Society for Quality Control is pleased to publish these Transactions of papers presented at our 27th Annual Technical Conference in Cleveland, Ohio, May 21-23, 1973. Although these papers have been screened by the sponsoring Division or Technical Committee, the Society assumes no responsibility for the contents of the papers printed here. Some of these papers may later be reviewed by an editorial board of the Society and may appear in one of our regular publications. We hope that you will find these papers both educational and inspirational.

Robert W. Peach
Vice President, Publications

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*Consultants will include:

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- IIA-Charles A. Bicking and Gayle W. McElrath, General Counseling
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